

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7120-2EPA	**Issued**	18. August 2021
MA#	MA005402607		
Package	PG-TSDSO-14-22	**Weight***	64.63 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.649	1.00	1.00	10047	10047
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		146	
	non noble metal	zinc	7440-66-6	0.038	0.06		583	
	non noble metal	iron	7439-89-6	0.754	1.17		11667	
	non noble metal	copper	7440-50-8	30.617	47.37	48.61	473726	486122
wire	non noble metal	copper	7440-50-8	0.187	0.29	0.29	2896	2896
encapsulation	organic material	carbon black	1333-86-4	0.089	0.14		1376	
	plastics	epoxy resin	-	3.470	5.37		53683	
	inorganic material	silicondioxide	60676-86-0	26.096	40.38	45.89	403769	458828
leadfinish	non noble metal	tin	7440-31-5	1.642	2.54	2.54	25400	25400
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12627	12627
glue	plastics	epoxy resin	-	0.046	0.07		714	
	noble metal	silver	7440-22-4	0.218	0.34	0.41	3366	4080
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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